

## ABSTRACT

Virtual channel enabled networking devices may map frames to specific virtual channels based upon frame characteristics (*e.g.* destination address, class of service). Devices and methods that provide a remapping of virtual channels are disclosed. In one embodiment, a network having virtual channel remapping may include: a first set of one or more switches that each support a first number of virtual channels, and a second set of one or more switches that each support a second number of virtual channels different from the first number of virtual channels. At least one switch from the second set is coupled to at least one switch from the first set and is configured to establish a correspondence ("map") between the virtual channels supported by the first set and the virtual channels supported by the second set.